

Wragg Incident

15CALNU006678

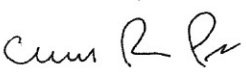
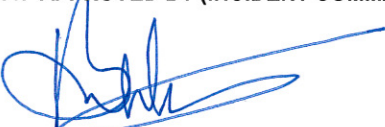
Incident Action Plan

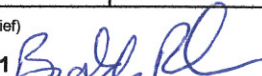
07/24/2015 – 07/25/2015

OPERATIONAL PERIOD

0700 to 0700



INCIDENT OBJECTIVES	1. INCIDENT NAME Wragg	2. DATE 07/23/2015	3. TIME 1800																				
4. OPERATIONAL PERIOD (DATE/TIME) 07/24/2015 – 07/25/2015 0700-0700																							
5. MANAGEMENT OBJECTIVES <ul style="list-style-type: none"> •Establish and maintain safe work practices to minimize threats to the public and emergency personnel. •Minimize damage to structures, private property and other improvements in the fire area. •Protect natural and heritage resources. •Maintain fiscal accountability keeping costs commensurate with values at risk. •Provide timely and accurate incident information. •Foster and maintain relationships with all local cooperators and stakeholders. 6. GENERAL CONTROL OBJECTIVES <ul style="list-style-type: none"> •Keep fire South of Enos Creek. •Keep fire East of Wragg Canyon. •Keep fire North of Mix Canyon. •Keep fire West of the communities of Golden Bear, Winters and English Hills. 																							
7. WEATHER FORECAST FOR OPERATIONAL PERIOD See Attached																							
8. GENERAL SAFETY MESSAGE See Attached																							
9. Attachments (<input checked="" type="checkbox"/> if attached) <table border="0"> <tr> <td><input checked="" type="checkbox"/> Organization List (ICS 203)</td> <td><input checked="" type="checkbox"/> Medical Plan (ICS 206)</td> <td><input checked="" type="checkbox"/> Finance</td> <td><input checked="" type="checkbox"/> Unit Log 214</td> </tr> <tr> <td><input checked="" type="checkbox"/> Weather Forecast</td> <td><input checked="" type="checkbox"/> Air Ops 220</td> <td><input type="checkbox"/> Training Message</td> <td><input checked="" type="checkbox"/> Facility Map</td> </tr> <tr> <td><input checked="" type="checkbox"/> Fire Behavior Forecast</td> <td><input type="checkbox"/> Ops Expectations/ DIVS worksheet</td> <td><input type="checkbox"/> Supply Message/ 101</td> <td><input type="checkbox"/> _____</td> </tr> <tr> <td><input checked="" type="checkbox"/> Safety Message</td> <td><input checked="" type="checkbox"/> Assignment List (ICS 204)</td> <td><input type="checkbox"/> Dmob Plan</td> <td><input type="checkbox"/> _____</td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan (ICS 205)</td> <td><input type="checkbox"/> Archaeologist message</td> <td><input checked="" type="checkbox"/> Traffic Plan</td> <td><input type="checkbox"/> _____</td> </tr> </table>				<input checked="" type="checkbox"/> Organization List (ICS 203)	<input checked="" type="checkbox"/> Medical Plan (ICS 206)	<input checked="" type="checkbox"/> Finance	<input checked="" type="checkbox"/> Unit Log 214	<input checked="" type="checkbox"/> Weather Forecast	<input checked="" type="checkbox"/> Air Ops 220	<input type="checkbox"/> Training Message	<input checked="" type="checkbox"/> Facility Map	<input checked="" type="checkbox"/> Fire Behavior Forecast	<input type="checkbox"/> Ops Expectations/ DIVS worksheet	<input type="checkbox"/> Supply Message/ 101	<input type="checkbox"/> _____	<input checked="" type="checkbox"/> Safety Message	<input checked="" type="checkbox"/> Assignment List (ICS 204)	<input type="checkbox"/> Dmob Plan	<input type="checkbox"/> _____	<input checked="" type="checkbox"/> Communications Plan (ICS 205)	<input type="checkbox"/> Archaeologist message	<input checked="" type="checkbox"/> Traffic Plan	<input type="checkbox"/> _____
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10. PREPARED BY (PLANNING SECTION CHIEF) Chris Post, PSC1 		11. APPROVED BY (INCIDENT COMMANDER) 																					

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. INCIDENT NAME WRAGG CA-LNU-006678		Chief	Mike Webb
2. Date 07/23/15		Deputy	Mike van Loben Sels
3. Time 2200		Night	Polo Rodriguez
4. Operational Period 7/24/2015 - 7/25/2015 0700-0700		a. Branch I - Division/Groups	
Position		Branch Director	Steve Hawks
Name		Deputy	
		Division/Group	A Matt Sisneros
		Division/Group	
5. Incident Commander and Staff		Division/Group	C Keith Cummings
Incident Commander	Brian Estes	Division/Group	Karie Tidwell (T)
Deputy Incident Commanders	Kevin Lawson / Jim Ferguson (T) David Fulcher (T)	Division/Group	G Louis Sciocchetti / Richard Dykhous (T)
Safety Officer	Gabriel Santos / Joe Buchmeier (T)	b. Branch III - Division/Groups	
Information Officer	Rick Vogt	Branch Director	Geoff Belyea / Kirk Van Wormer (T)
Liaison Officer	Mike Martin	Division/Group	M Keith Hill
Law Enforcement Liaisons	Scott McCarty / Todd Jennings	Division/Group	
6. Agency Representative		Division/Group	P Aaron Latta
Agency	Name	Division/Group	Adrian Saldivar (T)
City of Winters	John Donlevy	Division/Group	U Greg Bertelli
Solano Co. S.O.	Jon Mazer	Division/Group	Geoff Marshall (T)
Yolo Co. S.O.	Dale Johnson	Division/Group	X Colette O'Connor
Solano CHP	L.T. Dave Ricks	Division/Group	Eric Bither (T)
Yolo CHP	CAPT Chuck King	c. Contingency	
CDCR	LT. Dan Eddy	Division/Group	Ron Roberts
BLM	Jeff Tunnell	Division/Group	Tim Ernst (T)
PG&E	Pam Purdue	d. Lagoon Staging	
See Additional Next Page		Staging	Forrest Rowell
7. Planning Section		e. Air Operations Branch	
Chief	Chris Post	Air Operations Branch Director	Scott Packwood
Deputy	Buddy Bloxham	Air Attack Supervisor	
Resource Unit	Gabe Garcia / Steve Oaks Justin Petersen	Air Support Supervisor	Tom Swanson
		Helicopter Coordinator	Scott Corn
Situation Unit	Adam Mitchell	Air Tanker Coordinator	
Documentation Unit		10. Finance Section	
Demobilization Unit	Tom Shevenell	Chief	Harper Keene
Training	Shane Vargas	Deputy	John Kiszka
FBAN	Scott Jones	Time Unit	Andrew Corpuz
8. Logistics Section		Procurement Unit	Julie Freeman
Chief	Dusty Martin	Compensation/Claims Unit	Karen Guillemin
Deputy	Scott Ernest	Cost Unit	Greg Belk
Supply Unit	Paul Lee		
Facilities Unit	Ernie Solis		
Ground Support Unit	Jason Warden		
Communications Unit	Eddy Moore		
Medical Unit	Jorge Segura		
Food Unit			
Motel Unit	Shane Cook	Prepared by (Plans Section Chief)	
		Buddy Bloxham PSC1 	

Agency Representative Continued	
Agency	Name
CAL TRANS	Mike Chappel
Solano Co. Parks	Sean McDowell
Yolo – Solano ARB	Dale Jeff Pinnow
Salvation Army	Kevin Hansen
Red Cross	William Chen
Winters Fire Dept.	Aaron Mc Allister
Vacaville Fire Dist.	Doug Rogers
CAL OES	John Salvate
Yocha DEHE Wintun Nation	James Sarmento
Solano Co. OP. Area	Aaron Mc Allister
Yolo Co. Op. Area	Gary Fredrickson
Bureau of Reclamation	John Hutchings



INCIDENT WEATHER FORECAST



FORECAST NO: 1
PREDICTION FOR: Friday DAY/NIGHT SHIFT

INCIDENT NAME: Wragg Fire
UNIT: CALFIRE Napa-Lake-Sonoma Unit

SHIFT DATE: 24 July 2015
TIME AND DATE
FORECAST ISSUED: 1900 / 23 July 2015

SIGNED: *11s11 Jason Clapp*
Jason Clapp
Incident Meteorologist

WEATHER TODAY:

WEATHER: No clouds with smoky. A dry trough overhead is enhancing onshore winds. Expect higher RH and morning marine stratus at Monticello Dam and ICP.

TEMPERATURES: 84-87 *Trend: Up 1-2*
RELATIVE HUMIDITY: 25-30% *Trend: Little Change*

20 FT WINDS:

RIDGETOP - WSW 4-7 mph. After 1000 - SW 6-10 mph gusts 15 mph, increasing to 20 mph 1700-2200.

SLOPE/VALLEY - Downcanyon 4-8 mph, becoming variable 2-4 mph 0700-1000.
After 1000 - SSE 3-6 mph battling WSW 6-8 mph with gusts 15 mph on ridges and aligned canyons. After 1900 - WSW winds dominate with gusts 15-20 mph.
Afternoon eddying likely in north-south drainages within Branch III.

LAL: 1. **Stability/Inversion:** Smoke disperses around 1000.

WEATHER DISCUSSION: Smoky conditions with a dry upper trough overhead enhancing the onshore pressure gradient and westerly winds over ridges and down drainages. Expect some marine stratus near Monticello Dam and at ICP this morning. The pressure gradient will weaken somewhat by Saturday and warm up under ridging. Eddying likely within drainages on Branch III.

WEATHER FOR TONIGHT: Stratus developing near Monticello Dam by sunrise, otherwise mostly clear with smoke.

Low temperatures: 52-56.

Max RH: 90-100% western edge near Monticello Dam and 70% over lower elevations.

20FT Winds: WSW 5-9 mph with gusts 15, decreasing toward midnight 3-6 mph.

OUTLOOK FOR SATURDAY/SUNDAY:

Saturday: Mostly sunny.

High temps: 86-89. Min RH: 28-33%. Winds: Downslope 3-5 mph, becoming SSE 4-8 mph after 0900.

Sunday: Mostly sunny.

High temps: 88-91. Min RH: 30-35%. Winds: Downslope 3-5 mph, becoming SSE 4-8 mph after 0900.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 1	TYPE OF FIRE: Wildland Fire
FIRE NAME: Wragg	OPERATIONAL PERIOD: 07/24 (0700-0700)
DATE ISSUED: 07/23/15	TIME ISSUED: 2100
UNIT: LNU	SIGNED: _____
	Typed/printed: Scott Jones

INPUTS

WEATHER SUMMARY

Expect higher RH and morning marine stratus at Monticello Dam and ICP.

TEMPERATURES: 84-87 **RELATIVE HUMIDITY:** 25-30%

20 FT WINDS:

RIDGETOP - WSW 4-7 mph. After 1000 – SW 6-10 mph gusts 15 mph, increasing to 20 mph 1700-2200.

SLOPE/VALLEY - Downcanyon 4-8 mph, becoming variable 2-4 mph 0700-1000.

After 1000 – SSE 3-6 mph battling WSW 6-8 mph with gusts 15 mph on ridges and aligned canyons.

After 1900 – WSW winds dominate with gusts 15-20 mph.

LAL: 1. **Stability/Inversion:** Smoke disperses around 1000.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

Extreme Fire Behavior (FB) was prevalent from 1500hrs Wednesday until 0400hrs Thursday. Wind was the predominant factor for the extreme FB. Fuel and topography continued to support perimeter growth at a slower rate of spread. Thursday there was a reduced level of FB, heavy smoke production with fire mainly confined to grass models under heavy canopy. There were isolated areas with higher levels of fire intensity.

Fuels are grass oak woodland, comprised of 30 year decadent brush. The grass models have cured with heights that range from unshaded 12-18" and shaded 1 - 6", Brush models range from 6 – 15' high with heavy mixtures of dead fuel loads.

Multi-directional confluences with very steep terrain are creating swirling winds that can cause the fire spread to be counter the prevailing winds.

Fire Behavior for Optimal Alignment
INCREASE EXPECTED NUMBERS DURING ANY FIRING OPERATIONS

Fuel Type	ROS (Ft-MIN) Forward	ROS (Ft-MIN) Lateral	FL (Ft)	P(i)G
Tall Grass (unshaded)	14 – 40'	3 – 6'	3-7'	66 %
Short Grass (shaded)	28 – 46'	6 - 11'	1 - 4'	64 %
Shrub Group	33 - 60'	8 – 10'	6 – 15'	66 %

SPECIFIC:

BRANCH I

Expect diminished fire intensity then what was experienced Wednesday and Thursday. Access and terrain will most likely be the most influential factors inhibiting suppression efforts.

Branch III

This area will hold the most potential for fire growth. Afternoon winds will likely eddy in north-south drainages within the branch. Ladder fuels that did not burn have the potential to carry into the canopy and burn with higher levels of intensity.

ERC's for the Sacramento valley are above normal with fuels having already reached critical fuel moisture levels. Potential for large fire growth remains a concern.

AIR OPERATIONS:

The morning inversion should lift by 10am. Smoke could limit visibility and interrupt air operations

SAFETY

Maintain situational awareness to working in saddles and chimneys. These confluences can create wind and carry fire opposite the prevailing winds.



WRAGG INCIDENT

**SAFETY MESSAGE**

1. INCIDENT NAME:

WRAGG

2. DATE PREPARED:

July 23, 2015

3. TIME PREPARED:

7/23/15 2100

4. PREPARED BY:

Joe Buchmeier SOF1 (t)

5. LEADER NAME:

Gabriel Santos SOF1

6. OPERATIONAL PERIOD:

7/24/15 0700

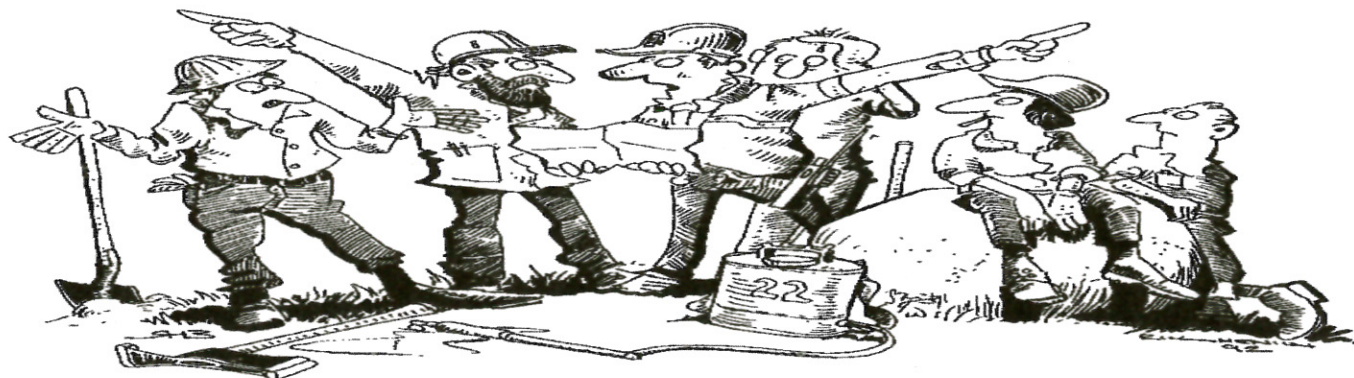
TO

7/25/15 0700

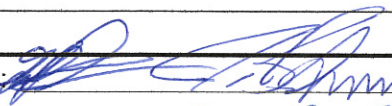
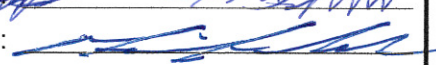
SAFETY MESSAGE

"IF IT'S PREDICTABLE" "IT'S PREVENTABLE"

- Exercise caution while driving on the incident and in surrounding communities. Drive Defensively, keep your headlights on and wear your seatbelts.
- Remain mindful of changing weather conditions; don't be caught off guard.
- Stay aware of what is happening around you and adapt your exit strategy accordingly. **ESTABLISH SAFETY ZONES AND KNOW YOUR ESCAPE ROUTE!**
- Fatigue, maintain work to rest cycles, take breaks as needed, maintain hydration and a nutritious meal intake.
- Beware of stump-holes, steep slopes, trip hazards, and loose footing.
- Be careful around the incident base! Drive SLOW! Drive with CARE!
- Be aware of potential re burn and flare ups due to low fuel moistures / drought conditions



6. INSTRUCTIONS AND ASSIGNMENTS NOT CLEAR

1. Incident Name: WRAGG		2. Incident Number: CALNU006678	
3. Date/Time Prepared: Date: 7/23/15 Time: 1400		4. Operational Period: Date From: 7/24/15 Date To: 7/25/15 Time From: 0700 Time To: 0700	
5. Incident Area	6. Hazards/Risks	7. Mitigations	
ALL	STEEP TERRAIN	<ul style="list-style-type: none"> - POST LOOKOUTS - WATCH FOOTING 	
ALL	NARROW ONE WAY ROADS	<ul style="list-style-type: none"> - HEADLIGHTS ON - SLOW DOWN 	
ALL	FATIGUE	<ul style="list-style-type: none"> - MAINTAIN PROPER WORK REST CYCLES DOCUMENT IN ICS 214. 	
ALL	HYDRATION	<ul style="list-style-type: none"> - MAINTAIN 3 TO 1 WATER TO ELECTROLYTE RATIO. 	
ALL	CRITICAL FUEL MOISTURES	<ul style="list-style-type: none"> - PAY CLOSE ATTENTION TO FIRE BEHAVIOR AND CHANGING CONDITIONS. 	
ALL	CHANGING WEATHER CONDITIONS, THUNDERSTORMS	<ul style="list-style-type: none"> - MONITOR CURRENT WEATHER CONDITIONS AND OBTAIN FORECAST. 	
ALL	AVIATION HAZARDS	<ul style="list-style-type: none"> - MONITOR AIR TO GROUND. 	
BRANCH I	POWERLINES AND NATURAL GAS WELL HEADS	<ul style="list-style-type: none"> - KEEP FIRE AWAY FROM WELL HEADS BE CAUTIOUS OF ARCING SMOKE UNDER POWER LINES. 	
8. Prepared by (Safety Officer): Gabe Santos, Joe Buchmeier SOF (T)		Signature: 	
Prepared by (Operations Section Chief): Mike Van Loben Sels		Signature: 	
ICS 215A		Date/Time: 7/24/15	

Warning Signs and Symptoms of Heat Stress and Illness

Indications of Possible Heat Related Illness

COMMON SIGNS/SYMTOMS	IMMEDIATE ACTIONS
<ul style="list-style-type: none"> • Dizziness • Headache • Nausea • Unsteady walk • Weakness or fatigue • Muscle Cramps 	<ul style="list-style-type: none"> • Stop current activity • Allow person to rest in shade • Take sips of water • Call for medical assistance to evaluate individual
SERIOUS SIGNS/SYMTOMS	<p>If no emergency medical personnel are available, call for ambulance or medical transport.</p> <p>Immediately implement medical emergency plan and call for an ambulance and/or medivac for emergency transport while doing the following:</p> <ul style="list-style-type: none"> • Lay individual down in shade until MEDEVAC or ambulance arrives • Remove clothing from individual • Apply ice packs, or move individual to vehicle with air conditioning • Pour or immerse body in cold water and fan • Give sips of water while awaiting ambulance (if conscious) • Monitor airway and breathing until ambulance or MEDEVAC arrive • Continue cooling during transport or until body reaches 100° F

Warning Signs and Symptoms of Heat Stress and Illness

An important sign that the firefighter is in a **serious life-threatening** condition is an altered mental status (with or without increased temperature).

Ask the following questions:

- **What is your name?** (Does not know their name.)
- **What month is it? What year is it?** (Does not know the month or year.)
- **Where are we/you?** (Is not aware of location or surroundings.)
- **What were you doing before you became ill?** (Does not know the events that led to the present situation.)

Call for emergency MEDEVAC or ambulance

Indications of Possible Water Intoxication (Over-Hydration)

Water intoxication (hyponatremia) occurs when an individual drinks excessive amounts of water and decreases the sodium to water concentration in the body.

Signs and Symptoms: Confusion, Weakness, and Vomiting


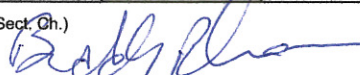
For a full reference list for the HIP Pocket Guide, go to: <http://www.nwccg.gov/branches/pre/rmc/index.htm>



GABRIEL SANTOS INT6 SOFI

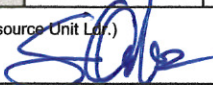
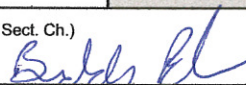
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	
Command	RX 151.2650 Tone 13 TX 159.3300	King NIFC	CDF C2	EMS	RX / TX 156.0750 TX/RX 156.7	King NIFC	Calcord
Tactical Div/Group	RX/TX 151.1600 TX/RX 192.8	King NIFC	CDF T2	Air to Ground	RX/TX 159.4050 TX/RX 192.8	King NIFC	Air to Ground
Prepared by (Resource Unit Ldr.) Steve Oaks		Approved by (Planning Sect. Ch.) Buddy Bloxham			Date 7/23/2015		Time 2300

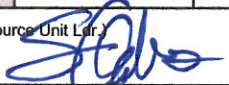
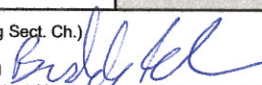
DIVISION ASSIGNMENT LIST		1. Branch <div style="text-align: center; font-size: 24pt;">I</div>		2. Division/Group <div style="text-align: center; font-size: 24pt;">Division C</div>		
3. Incident Name <div style="text-align: center; font-size: 24pt;">WRAGG</div>		4. Operational Period Date: 7/24/2015 to 7/25/2015 Time: 0700-0700				
5. Operations Personnel						
Operations Chief		Mike Webb (Day) Polo Rodriguez (Night)		Division/Group Supervisor Keith Cummings Karie Tidwell (T)		
Branch Director		Steve Hawks		Branch Safety Rick Carr		
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designat	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line
TF Wragg#2		17	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
ENG 1477					<input type="checkbox"/>	<input type="checkbox"/>
ENG 1474					<input type="checkbox"/>	<input type="checkbox"/>
ENG 1465					<input type="checkbox"/>	<input type="checkbox"/>
ENG 1463					<input type="checkbox"/>	<input type="checkbox"/>
ENG 1462					<input type="checkbox"/>	<input type="checkbox"/>
STC MEU 9113C			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
CRW LNU Delta 1			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
CRW LNU Delta 2	John Layton	16	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
WT 25		2	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
WT E-97		2	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
7. Control Operations Mop up and patrol 100 feet in						
8. Special Instructions						

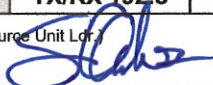

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Function	Frequency	System	Channel	Function	Frequency	System	
Command	RX 151.2650 Tone 13 TX 159.3300	King NIFC	CDF C2	EMS	RX / TX 156.0750 TX/RX 156.7	King NIFC	Calcord
Tactical Div/Group	RX/TX 151.1900 TX/RX 192.8	King NIFC	CDF T4	Air to Ground	RX/TX 159.4050 TX/RX 192.8	King NIFC	Air to Ground
Prepared by (Resource Unit Dir.) Steve Oaks 		Approved by (Planning Sect. Ch.) Buddy Bloxham 		Date 7/23/2015		Time 2300	

9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	
Command	RX 151.2650 Tone 13 TX 159.3300	King NIFC	CDF C2	EMS	RX / TX 156.0750 TX/RX 156.7	King NIFC	Calcord
Tactical Div/Group	RX/TX 154.2650 TX/RX 156.7	King NIFC	VFIRE 22	Air to Ground	RX/TX 159.4050 TX/RX 192.8	King NIFC	Air to Ground
Prepared by (Resource Unit Ldr.) Steve Oaks		Approved by (Planning Sect. Ch.) Buddy Bloxham			Date 7/23/2015		Time 2300

DIVISION ASSIGNMENT LIST		1. Branch III		2. Division/Group Division M		
3. Incident Name WRAGG		4. Operational Period Date: 7/24/2015 to 7/25/2015 Time: 0700-0700				
5. Operations Personnel						
Operations Chief		Mike Webb (Day) Polo Rodriguez (Night)		Division/Group Supervisor Keith Hill		
Branch Director		G. Belyea, K. VanWormer(T)		Branch Safety Rudy Baltazar		
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designat	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line
STC SCU 9161C	Tim Main	20	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
STC XSN 2398C	Jeff Holden	22	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
STG AEU 9275G			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ PVT E-120	Dane Petersen	2	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ PVT E-61	Clint Larue	2	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ PVT E-64	Larry Carunkilton	2	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ PVT E-121	Robert Dominikus	2	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
7. Control Operations Mop up and patrol 100 feet in Address civilian concerns and issues during re-population						
8. Special Instructions Ensure LCES is in place in all Divisions.						

9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	
Command	RX 151.2650 Tone 13 TX 159.3300	King NIFC	CDF C2	EMS	RX / TX 156.0750 TX/RX 156.7	King NIFC	Calcord
Tactical Div/Group	RX/TX 151.1825 TX/RX 192.8	King NIFC	CDF T28	Air to Ground	RX/TX 159.4050 TX/RX 192.8	King NIFC	Air to Ground
Prepared by (Resource Unit Ldr.) Steve Oaks 		Approved by (Planning Sect. Ch.) Buddy Bloxham 			Date 7/23/2015		Time 2300

DIVISION ASSIGNMENT LIST			1. Branch III		2. Division/Group Division P	
3. Incident Name WRAGG			4. Operational Period Date: 7/24/2015 to 7/25/2015 Time: 0700-0700			
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Branch Director		G. Belyea, K. VanWormer(T)		Branch Safety		Rudy Baltazar
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designat	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line
STC AEU 9270C	Robert Counts	20	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
STC MEU 9110C	Tony Howard	17	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
STC MRN 9150C	William Roberts	17	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
STG HUU 9122G	Bounthouy Vonglakhone	33	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
STG			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ LNU D1447			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ LNU D1445			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ LNU D1442			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ LNU D1443			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ LNU D1448			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ MRN D1540			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ PVT E-57		2	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ PVT E-55	Jim Wiggin	2	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ PVT E-56	Jim Lantrel	2	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ PVT E-58	Brian Denton	2	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
7. Control Operations Construct and improve fire line to Pleasant Valley Ridge						
8. Special Instructions Ensure LCES is in place in all Divisions.						
9. Division/Group Communication Summary						
Function	Frequency	System	Channel	Function	Frequency	System
Command	RX 151.2650 Tone 13 TX 159.3300	King NIFC	CDF C2	EMS	RX / TX 156.0750 TX/RX 156.7	King NIFC
Tactical Div/Group	RX/TX 159.3075 TX/RX 192.8	King NIFC	CDF T27	Air to Ground	RX/TX 159.4050 TX/RX 192.8	King NIFC
Prepared by (Resource Unit Ldr.) Steve Oaks 		Approved by (Planning Sect. Ch.) Buddy Bloxham 			Date 7/23/2015	Time 2300

DIVISION ASSIGNMENT LIST		1. Branch <div style="text-align: center; font-size: 1.5em;">III</div>		2. Division/Group <div style="text-align: center; font-size: 1.5em;">Division U</div>		
3. Incident Name <div style="text-align: center; font-size: 1.5em;">WRAGG</div>		4. Operational Period Date: 7/24/2015 to 7/25/2015 Time: 0700-0700				
5. Operations Personnel						
Operations Chief		Mike Webb (Day) Polo Rodriguez (Night)		Division/Group Supervisor Greg Bertelli Geoff Marshall (T)		
Branch Director		G. Belyea, K. VanWormer(T)		Branch Safety Rudy Baltazar		
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designat	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line
STC LNU 9140G	Derek Smith	28	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
STG MEU 9111G	Ken Taglio	32	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
STG MEU 9114G	Mike Orme	35	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
CRW SRF Ukonom IHC	Keith Smith	20	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
CRW ENF EI Dorado IHC	Aaron Humphrey	21	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ SCU D1641			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
DOZ LNU 1449			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
7. Control Operations Construct and improve fire line and helispots from Pleasants Ridge to Blue Ridge. Support crew shuttles as necessary.						
8. Special Instructions Ensure LCES is in place in all Divisions.						
9. Division/Group Communication Summary						
Function	Frequency	System	Channel	Function	Frequency	System
Command	RX 151.2650 Tone 13 TX 159.3300	King NIFC	CDF C2	EMS	RX / TX 156.0750 TX/RX 156.7	King NIFC
Tactical Div/Group	RX/TX 151.3175 TX/RX 192.8	King NIFC	CDF T24	Air to Ground	RX/TX 159.4050 TX/RX 192.8	King NIFC
Prepared by (Resource Unit Ldr.) Steve Oaks 		Approved by (Planning Sect. Ch.) Buddy Bloxham 		Date 7/23/2015		Time 2300

DIVISION ASSIGNMENT LIST			1. Branch III		2. Division/Group Division X		
3. Incident Name WRAGG			4. Operational Period Date: 7/24/2015 to 7/25/2015 Time: 0700-0700				
5. Operations Personnel							
Operations Chief		Mike Webb (Day) Polo Rodriguez (Night)		Division/Group Supervisor		Colette O'Connor Eric Bither (T)	
Branch Director		G. Belyea, K. Van Wormer(T)		Branch Safety		Rudy Baltazar	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designat	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line	
TF Wragg #1			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
ENG 1495					<input type="checkbox"/>	<input type="checkbox"/>	
ENG 1489					<input type="checkbox"/>	<input type="checkbox"/>	
ENG 1487					<input type="checkbox"/>	<input type="checkbox"/>	
ENG 1484					<input type="checkbox"/>	<input type="checkbox"/>	
ENG 1479					<input type="checkbox"/>	<input type="checkbox"/>	
STG HUU 9124G			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
STG			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
STG			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
CRW LNU Konocti 4			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
CRW LNU Konocti 5			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ CZU D1741			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ MEU D1145			DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ PVT E-52	Jeff Hammond	2	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ PVT E-50	Steven Garner	2	DP 4/0800	0800	<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations							
Construct and improve fire line from Highway 128 to Blue Ridge							
8. Special Instructions							
Ensure LCES is in place in all Divisions.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	
Command	RX 151.2650 Tone 13 TX 159.3300	King NIFC	CDF C2	EMS	RX / TX 156.0750 TX/RX 156.7	King NIFC	Calcord
Tactical Div/Group	RX/TX 154.2875 TX/RX 156.7	King NIFC	VFIRE 25	Air to Ground	RX/TX 159.4050 TX/RX 192.8	King NIFC	Air to Ground
Prepared by (Resource Unit Ldr.) Steve Oaks <i>[Signature]</i>		Approved by (Planning Sect. Ch.) Buddy Bloxham <i>[Signature]</i>			Date 7/23/2015		Time 2300

ICS 204

ICS 204

AIR OPERATIONS SUMMARY ICS-220

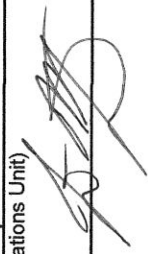
AIR OPERATIONS SUMMARY ICS-220				Prepared By: Scott Corn		Date Prepared Friday, July 24, 2015		Time Prepared 2000	
1. INCIDENT NAME: WRAGG		2. OPERATIONAL PERIOD DATE: 7/24/2015		Start Time 800	End Time 2100	Sunrise 600	Sunset 2025	Cutoff 1955	
<p>3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.)</p> <p>All GPS data to be Collected in <u>Degrees, Minutes, Decimal Minutes</u> Format.</p> <p>AVOID Aerial Application of Retardant or Foam within 300' of Waterways, Bodies of Water, etc. If Retardant or Foam is Dropped Within These Areas, Immediately Notify the AOB and Provide the Lat / Long, estimated Number of Gallons and a Map Detailing The Area</p> <p>TRACK ALL RETARDANT AND WATER DROP LOCATIONS AND GALLONS DROPPED</p>									
<p>4. MEDEVAC Aircraft:</p> <p>Name: Henry¹</p> <p>Phone:</p> <p>Make / Model:</p> <p>Location: Santa Rosa</p> <p><u>Request Info:</u> Through Communications direct.</p>						<p>5. TFR DESCRIPTION:</p> <p>Request #</p> <p>Radius: 5 NM</p> <p>Altitude: 6,500 MSL</p> <p>Centerpoint: Lat Long 38.29.74 122.06.14</p> <p>NOTAMS:</p>			
<p>Brooks Helibase 38.44.846/122.08.959 Brooks. Mile marker 16.48</p>						<p>Julie Stewart (503) 808-6728 (503) 780-0097 http://tfr.faa.gov/tfr2/list.html</p>			
<p>See Medical Plan For Additional Info</p>									

MEDICAL PLAN ICS 206	1. INCIDENT NAME WRAGG FIRE	2. DATE PREPARED 07/23/2015	3. TIME PREPARED 1830	4. OPERATIONAL PERIOD 7/24/15 – 7/24/15 0700-0700				
5. INCIDENT MEDICAL AID STATIONS								
MEDICAL AID STATIONS	LOCATION	PARAMEDICS						
		YES	NO					
BLS	ICP Medical Unit		X					
6. TRANSPORTATION								
A. AMBULANCE SERVICES								
NAME	LOCATION	PHONE	PARAMEDICS					
			YES	NO				
Vacaville Fire Department	Vacaville	707-499-5200	X					
CALSTAR (Odd Days)	Vacaville	707-477-2331	X					
Reach Ambulance (Even Days)	Concord	925-691-2099	X					
Medic Ambulance	Vallejo	707-644-8989	X					
*Sonoma County Sheriff Copter H1 (Night, Rescue, Short Haul)	Sonoma County	707-565-2121	X					
B. INCIDENT AMBULANCES								
NAME	LOCATION	PARAMEDICS						
		YES	NO					
None Assigned	Local EMS/ALS	X						
7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
Med Net Channel		AIR	GRND		YES	NO	YES	NO
Kaiser	1 Quality Dr. Vacaville CA (Trauma Level 2)	2	8	707-624-4000 707-452-9892	X			X
UC Davis Medical Center (1 Trauma/Burn)	2315 Stockton Blvd, Sacramento CA 95817	12	30	916-734-2011 916-734-5669	X		X	
Vaca Valley Hospital	1000 Nut Tree Rd. Vacaville	3	5	707-624-7000 707-624-7810	X			X
8. MEDICAL EMERGENCY PROCEDURES								
EMERGENCY FREQUENCY: LINE EMERGENCY: Crew Supervisor will contact Division Supervisor with patient complaint/condition and location. <ul style="list-style-type: none"> Division/Group Supervisor contacts: <ol style="list-style-type: none"> Closest EMS resource Communications Unit Communications Unit contacts: <ol style="list-style-type: none"> Ground or Air ambulance as requested Operations Safety Medical Unit Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel. <ol style="list-style-type: none"> A pre-assigned tactical frequency (i.e. CALCORD) should be used for IWI and only for duration of need. Communications Unit will clear command channel for emergency traffic as needed and only for duration of need. CAMP EMERGENCY: Contact Medical Unit with patient complaint/condition and location. Medical Staff will respond to stabilize incident: <ul style="list-style-type: none"> Medical Unit contacts: <ol style="list-style-type: none"> Communications Safety Logistics Operations Crew Supervisor Comps/Claims 					INJURY REPORTING PROCEDURES NATURE OF INJURY _____ LOCATION OF PATIENT _____ POINT OF CONTACT _____ TRANSPORTATION REQUESTED BY: AIR ___ GROUND ___ POINT OF PICKUP _____ LAT _____ LONG _____ PATIENT UNIT ID _____ IS AN EMT WITH PATIENT: YES ___ NO ___ AGE _____ SEX: MALE ___ FEMALE ___ ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.			
ICS 206 (Rev 03/12)		9. PREPARED BY: (Medical Unit Leader) Jorge H Segura (MEDL) <i>Jorge H Segura</i>			10. REVIEWED BY: (Safety Officer) Gabriel Santos SOF1 <i>Gabriel Santos</i>			

INCIDENT RADIO COMMUNICATIONS PLAN				Incident Name		Date/Time Prepared		Operational Period Date/Time	
WRAGG INCIDENT, CA-LNU-006678				7/23/2015, 1700 HRS		0800-0800 HRS, 7/24/15			
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	Tx Tone/NAC	Remarks	
1	COMMAND	CDF C2	ALL DIVISIONS	151.2650	103.5	159.3300	141.3	BERRYESSA PEAK (Tone-13)	
2	COMMAND								
3	COMMAND								
4	TACTICAL	CDF T2	DIV A	151.1600	192.8	151.1600	192.8		
5	TACTICAL	CDF T4	DIV C	151.1900	192.8	151.1900	192.8		
6	TACTICAL	VFIRE 22	DIV G	154.2650	156.7	154.2650	156.7		
7	TACTICAL								
8	TACTICAL	CDF T28	DIV M	151.1825	192.8	151.1825	192.8		
9	TACTICAL	CDF T27	DIV P	159.3075	192.8	159.3075	192.8		
10	TACTICAL	CDF T24	DIV U	151.3175	192.8	151.3175	192.8		
11	TACTICAL	VFIRE 25	DIV X	154.2875	156.7	154.2875	156.7		
12	TACTICAL	CDF T25	CONT. BRANCH	159.3525	192.8	159.3525	192.8		
13	TACTICAL	CDF T26	LAGOON STAGING	159.2925	192.8	159.2925	192.8		
14	MEDICAL	CALCORD	MEDICAL	156.0750	156.7	156.0750	156.7	AMBULANCE COORDINATION	
15	AIR TO GROUND	A/G	ALL DIVISIONS	159.4050	192.8	159.4050	192.8		
16	EMERGENCY ONLY	GUARD	EMERGENCY	168.6250		168.6250	110.9	EMERGENCY ONLY	
17	Ch. 17 BLANK								
18	Ch. 18 BLANK								
19	Ch. 19 BLANK								
20	EMERGENCY ONLY	GUARD	EMERGENCY	168.6250		168.6250	110.9	EMERGENCY ONLY	

Prepared By (Communications Unit)

Tim Maguire, COML (t)



Incident Location: Capell Valley, CA

County: Solano

Latitude, Longitude: 38° 30.03' N, 122° 07.10' W

Welcome to the Wragg Incident

TRAINEES

**PLEASE STOP BY THE
TRAINING SPECIALIST OFFICE TO
START THE DOCUMENTATION
PROCESS**

**IF IT IS NOT DOCUMENTED
IT DIDN'T HAPPEN**

eFC-33 INITIAL INPUT FORM

1 2 3 4 5 6 7

Overhead: complete one form per person.
All Others: complete one form per vehicle.

Request Number									
----------------	--	--	--	--	--	--	--	--	--

INCIDENT	State	Agency	Incident Number	Incident Name	Incident Index Code	Incident PCA Code
	CA	L N U	0 0 6 6 7 8	W R A G G	1 4 0 0 0 0 9 0 0	

RESOURCE	Strike Team	Resource ID - Fire Assignment	Home Station / Office Location
	S T		

YOUR NORMAL DUTY SCHEDULE	24 Hr 8-8 7-7 Other	Portal to Portal?	YOUR AGENCY	HOME UNIT	COMMIT RELEASE	YOUR CELL PHONE #
	✓ One Box	✓	CAL FIRE	S L U		

PERSONNEL	Schedule	First Name	Rank or Classification	# of Regular Duty Scheduled Hours per Day
EMPLOYEE 1	A B Other			Mon Tue Wed Thu Fri Sat Sun
EMPLOYEE 2				
EMPLOYEE 3				
EMPLOYEE 4				
EMPLOYEE 5				
EMPLOYEE 6	✓ One Box	Johnson	FC	24 24 24

VEHICLE	Schedule	Other If Other, explain	Radio ID	Kind of Vehicle	ID No/X No
VEHICLE 1	A B Other				X
VEHICLE 2					X
	✓ One Box		E-3499	FTH	0 2 X 1 2 3
	Chainsaw Quantity:	Portable Pump?			

Put a Dozer and it's Transport on a single form. All others, use one form per individual vehicle.

ADDITIONAL INFO



EMERGENCY SHIFT TICKET and EVALUATION FORM						Contractor Name	
The responsible Government Officer will complete this form each shift						Fireline Builders	
Incident or Project Name Wild		Incident Number CALNU 123456		Request Number E-60		Operator #1 Jim Smith	
Operator #2 John Jones							
Agreement Number LNU76543210						Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Equipment Make Peterbilt		Equipment Model / Type Transport				Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Serial Number S18934789		Licence Number 7C27948				Equipment Status Inspected <input type="checkbox"/> Released by Government <input checked="" type="checkbox"/> Under Agreement <input type="checkbox"/> Withdrawn by Contractor <input type="checkbox"/>	
Equipment Use						Remarks/Comments **	
Date Mo / Day	Start	Stop	Work	Assignment		2 Operators NA Hauled in dozer E-59 and was released.	
7/16	1300	1500	2	Travel In			
7/16	1500	1700	2	Travel Out			
Vendor Rating						Govt. Rep. Name and Position - PRINT	
Met Performance Expectations		Poor*	Avg.	Good	Exc.	N/A	Mike Brown, Div B
Equipment in Safe Working Condition		Vendor Rating must be done.				Govt. Rep. Signature <i>Mike Brown</i>	
Operator Skill Level						Contractor Signature <i>Jim Smith</i>	
Operates Safely						Date 07/16/12	
Operator's Cooperation Level						Time 1500	
Overall Performance						Calfire 297 (Rev 3-2011)	

* NOTE: Any rating of POOR requires an explanation in Comment Section.
 **Final evaluation or for more documentation, use an ICS Form 230 or equivalent.

Pink - Finance Blue - Home Unit HE Coordinator Yellow - Vendor White - Govt Representative

EMERGENCY SHIFT TICKET and EVALUATION FORM						Contractor Name	
The responsible Government Officer will complete this form each shift						Fireline Builders	
Incident or Project Name Wild		Incident Number CALNU 123456		Request Number E-59		Operator #1 Jim Smith	
Operator #2 John Jones							
Agreement Number LNU01234567						Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Equipment Make CAT		Equipment Model / Type Dozer D6H				Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Serial Number 6LN3344		Licence Number				Equipment Status Inspected <input type="checkbox"/> Released by Government <input checked="" type="checkbox"/> Under Agreement <input type="checkbox"/> Withdrawn by Contractor <input type="checkbox"/>	
Equipment Use						Remarks/Comments **	
Date Mo / Day	Start	Stop	Work	Assignment		2 Operators	
7/16	1300	1500	2	Travel In			
7/16	1500	2400	9	Division B			
7/17	0001	0800	8	Division B			
Vendor Rating						Govt. Rep. Name and Position - PRINT	
Met Performance Expectations		Poor*	Avg.	Good	Exc.	N/A	Mike Brown, Div B
Equipment in Safe Working Condition		Vendor Rating must be done.				Govt. Rep. Signature <i>Mike Brown</i>	
Operator Skill Level						Contractor Signature <i>Jim Smith</i>	
Operates Safely						Date 07/17/12	
Operator's Cooperation Level						Time 0800	
Overall Performance						Calfire 297 (Rev 3-2011)	

* NOTE: Any rating of POOR requires an explanation in Comment Section.
 **Final evaluation or for more documentation, use an ICS Form 230 or equivalent.

Pink - Finance Blue - Home Unit HE Coordinator Yellow - Vendor White - Govt Representative

EMERGENCY SHIFT TICKET and EVALUATION FORM						Contractor Name	
The responsible Government Officer will complete this form each shift.						Water Haulers	
Incident or Project Name Wild		Incident Number CALNU 123456		Request Number E-64		Operator #1 Sean Rodgers	
						Operator #2 Wayne Rodgers	
Agreement Number LNU22223333						Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Equipment Make Peterbilt		Equipment Model / Type 4000 Gallon				Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Serial Number 11343N		Licence Number 6A256483				Equipment Status <input type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement	
Equipment Use						Released by Government	
Date Mo / Day Start Stop (Circle) <u>Hours</u> / Days / Miles						Withdrawn by Contractor	
		Work		Assignment			
7/16		1300		1500		2	
				Travel In			
7/16		1500		2400		9	
				Division B			
7/17		0001		0800		8	
				Division B			
Vendor Rating						Govt. Rep. Name and Position - PRINT	
		Poor*		Avg.		Good	
						Exc.	
						N/A	
Met Performance Expectations		Vendor Rating must be done.				Govt. Rep. Signature	
Equipment in Safe Working Condition						Mike Brown	
Operator Skill Level							
Operates Safely							
Operator's Cooperation Level							
Overall Performance						Date Time	
						07/17/12 0800	
* NOTE: Any rating of POOR requires an explanation in Comment Section. **Final evaluation or for more documentation, use an ICS Form 230 or equivalent.						CALFIRE 297 (Rev 3-2011)	

Pink - Finance

Blue - Home Unit HE Coordinator

Yellow - Vendor

White - Govt Representative

CAL FIRE

INCIDENT MANAGEMENT TEAM

WATER USAGE PLAN

California Drought Emergency

The following shall be considered and implemented by all fire resources as a means to provide maximum efficiencies when utilizing water resources, while minimizing the impacts to private and public water supplies. Accountability shall be maintained for all water supplies that are utilized and care should be applied to ensure proper replacement and/or reimbursement to the supplier/ owner.

Fireline personnel- (During mop up operations)

- Use of Pencil Hose and Garden Nozzles with Shut-Offs.
- Use of Back pumps.
- Dry Mop-up and consolidation of heavy fuels to areas where they can burn out safely
- Locate/ Relocate Firelines to lighter fuels or natural barriers when safe.
- Set up and use portable tanks in anticipation of longer transport times for Water Tenders.
- Use of foams, gels and other water enhancers.
- Evaluate need to mop up in excess of 200 feet from fireline

Road Maintenance and Repair-

- Monitor and water roads only when and where needed.
- Water when most effective (evening and nights).
- Use chemical treatments when available (Magchloride, Omni bind ect).
- Consider use of tertiary or treated water (sp)

Aviation Operations-

- Use of Gels, Foams and Retardants. Set up portable plants.
- Consider Blivits and Pencil hose for interior mop up operations as opposed to numerous bucket drops.
- Establish and use pre-use agreements for existing and known water sources.
- Use large watershed dip sites when able. Minimize use of small, static ponds and lakes.
- Maintain accountability of water used and locations of dip sites.
- Evaluate need for interior bucket drops

Private Water Supplies-

- Notify property owner as early as possible.
- Minimize usage and develop alternative water supplies when and where appropriate.
- Track usage (meter, 214 form) and develop a plan to replace water.
- Make arrangements for reimbursement and damage claims if needed.

Public/ Municipal Water Supplies-

- Notify Agency as soon as possible and request a representative to the incident.
- Identify fill areas and request metering devices. Place on incident map.
- Use alternative or reclaimed water sources when available. Place on incident map.
- Make arrangements for reimbursement and damage claims if needed.

Management and Supervision-

- Use leaders intent and establish Water Conservation as an Management Objective.
- Consider complexity of water use on incidents. Establish a Water Supply Group Supervisor to coordinate additional resources to support the incident needs.
- Complete the Water Usage Report daily and turn in to Finance
- Review this check list and brief daily.

CAL FIRE

INCIDENT MANAGEMENT TEAM

WATER USAGE LOG

DATE: _____

Division / Group: _____

AGENCY ID / VENDOR: _____

I.e.. Strike Team 1110C, Acme Water Tenders

REQUEST # _____

TURN INTO FINANCE DAILY

WATER SOURCE LOCATION	Hydrant	Open source i.e. pond	Tank	Gallons Used	Property Owner / Contact Number if known **

****Please note if you made contact with property owner and their contact.
(Use reverse side if needed.)**
Information: _____

The intent of this document is intended to track, record and validated the amount of water used on a incident. It's not intended to review the performance of equipment using the water on an incident.

IMT 1 version 1

ACTIVITY LOG (ICS 214)

[illegible]

ACTIVITY LOG (ICS 214)

[illegible]